

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS

33. (Currently amended) An endodontic dental reinforcement post for endodontic and reconstructive pin therapy comprising a prefabricated bundle of non-metallic and non-woven glass fibers in a cured resin, ~~said fibers being assembled in said resin without a traction pulling force being exerted thereto; said fibers and resin post~~ being flexible, and said post adapted to extend from an apical end to a coronal end of a tooth canal.

34. (Currently amended) The dental reinforcement post as in Claim 33 wherein said glass fibers are fiberglass fibers.

35. (Currently amended) The dental reinforcement post as in Claim ~~34~~ 33 wherein said fiberglass fibers are E-glass fibers.

36. (Previously presented) The dental reinforcement post as in Claim 33 wherein each fiber comprises a plurality of ~~light transmitting~~ fiber optic filaments.

37. (Canceled)

38. (Original) The dental reinforcement post as in Claim 33 further comprising an epoxy ~~binder~~ resin.

39. (Currently amended) The dental reinforcement post as in Claim 38 wherein said epoxy resin further comprises an opaquer composition ~~therein~~.

BEST AVAILABLE COPY

40. (Currently amended) The dental reinforcement post as in Claim 33 wherein said ~~bundle of fibers~~ post has a rounded end.

41. (Currently amended) The dental reinforcement post as in Claim 33 wherein said ~~bundle of fibers have~~ post has a tapered end.

42. (Original) The dental reinforcement post as in Claim 33 further comprising at least one surface cut of about 50 to 100 micron depth to increase texturing.

43. (Original) The dental reinforcement post as in Claim 33 further comprising at least one facet of about 50 to 100 micron depth to increase texturing.

44. (Original) The dental reinforcement post as in Claim 33 further comprising at least one groove of about 50 to 100 micron depth to increase texturing.

45. (Currently amended) The dental reinforcement post as in Claim 33 further comprising at least one indentation of about 50 to 100 micron depth to increase texturing.

46. (Original) The dental reinforcement post as in Claim 42 further comprising at least one axially extending die drawn indentation of 50 to 100 micron depth to increase texturing.

47. (Original) The dental reinforcement post as in Claim 42 wherein said texturing is etched with acid.

48. (Original) The dental reinforcement post as in Claim 42 wherein said texturing is by sandblasting of said reinforcement member.

49. (Original) The dental reinforcement post as in Claim 42 wherein said texturing is by laser light.

50. (Original) The dental reinforcement post as in Claim 33 wherein said post is a dental reconstructive pin.

51. (Original) The dental reinforcement post as in Claim 50 wherein said dental reconstructive pin is looped.

52. (Original) The dental reinforcement post as in Claim 33 wherein said post is polished at one end to direct light axially therethrough.

53. (Currently amended) The dental reinforcement post as in Claim 33 wherein said dental reinforcement post comprises a plurality of adjacent coaxially extending dental reinforcement ~~posts~~ fibers.

54. (Currently amended) The dental reinforcement post as in Claim 53 wherein ~~each adjacent co-axially extending dental reinforcement~~ said post includes at least one axially extending facet abutting a further axially extending facet of a further adjacent coaxially extending dental reinforcement post for locking said plurality of adjacent coaxially extending dental reinforcement ~~posts~~ fibers in position within an interior canal of a tooth.

55. (Currently amended) A dental post and core device comprising ~~an inelastic~~ a post, said post having a coronal end and an apical end, said post including a prefabricated plurality of non-metallic and non-woven glass fibers in a cured resin, ~~said fibers being assembled in said resin without a traction pulling force being exerted thereto, said fibers and resin post being inelastic and flexible,~~ said

fibers extending between the coronal and the apical end of
said post and said post being inelastic and flexible.

**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ **BLACK BORDERS**
- ☐ **IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**
- ☐ **FADED TEXT OR DRAWING**
- ☐ **BLURRED OR ILLEGIBLE TEXT OR DRAWING**
- ☐ **SKEWED/SLANTED IMAGES**
- ☐ **COLOR OR BLACK AND WHITE PHOTOGRAPHS**
- ☐ **GRAY SCALE DOCUMENTS**
- ☐ **LINES OR MARKS ON ORIGINAL DOCUMENT**
- ☐ **REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**
- ☐ **OTHER:** _____

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.